



JAMES A. NOYES, Director

# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

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IN REPLY PLEASE

REFER TO FILE: **C-1**

June 22, 2004

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

Dear Supervisors:

**CHANGES IN WORK FOR PUBLIC WORKS CONTRACTS  
ALL SUPERVISORIAL DISTRICTS  
3 VOTES**

**IT IS RECOMMENDED THAT YOUR BOARD:**

Find that the requested changes in work have no significant effect on the environment and approve the changes for the following construction contracts:

Project ID No. FCC0000084 - Pacoima Dam Facilities Improvements, vicinity of Sylmar (5), Ladd and Associates, in amount of \$73,658.87.

Project ID No. FCC0000170 - Hollyhills Drain, Unit 7, Cities of Beverly Hills, Los Angeles, and West Hollywood (3), Mike Bubalo Construction Co., in amount of \$40,302.41.

Project ID No. FCC0000783 - Dominguez Gap Barrier Project, Phase 4A, Unit 7B, Part 2B, Cities of Carson, Long Beach, and Los Angeles (2 and 4), Mladen Buntich Construction Company, Inc., in amount of \$196,700.00.

Project ID No. GME0000001 - Retrofit/Replacement of Underground Storage Tanks and Fuel Facilities, Group 1, vicinities of Malibu, Downey, Pico Rivera, Baldwin Park, South Gate, Los Angeles, Glendora, Sunland, and Temple City (1, 3, 4, and 5), Geo-Cal, Inc., in amount of \$22,450.00.

Project ID No. WRD0000009 - San Dimas Dam and Reservoir Debris Removal, vicinity of San Dimas (5), C. W. Poss, Inc., in amount of \$1,600,000.00.

Project ID No. WWD2900007 - Topanga-Fernwood Pipeline Replacement, vicinity of Fernwood (3), Vido Artukovich & Son, Inc., and Vidmar, Inc., in amount of \$147,673.97.

Project ID No. WWD2900012 - 10-Inch Bypass at Pacific Coast Highway, City of Malibu (3), A. A. Portanova and Sons, Inc., in amount of \$31,500.00.

### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

This action is to obtain Board approval for changes in public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and necessary time extensions are listed in the enclosure for each contract.

The Director of Public Works has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Enclosed for your authorization are changes in work in excess of my delegated limits which are required to complete Project ID Nos. FCC0000084, FCC0000170, FCC0000783, GME0000001, WRD0000009, WWD2900007, and WWD2900012.

### **Implementation of Strategic Plan Goals**

Approval of these changes in work, which are necessary to satisfactorily complete the projects, is consistent with the County Strategic Plan Goal of Service Excellence since the improved infrastructure will better serve the public.

### **FISCAL IMPACT/FINANCING**

The estimated change order amounts for these contracts range from \$22,450.00 to \$1,600,000.00.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

Sufficient funds are available in the Board-approved appropriations for each of the respective projects to cover the costs of the requested changes. Detailed cost breakdowns for each of the changes, together with contract cost summaries, are included in the enclosures.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

Each of the subject contracts for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Director of Public Works.

### **ENVIRONMENTAL DOCUMENTATION**

The changes in work as described above and in the enclosures are within the limits of the Board-approved projects and do not change any conditions which resulted in the original environmental findings.

### **CONTRACTING PROCESS**

Each contract provides that the contractor be compensated for changes in the work as a result of changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs of each of the changes are based on contract unit prices, time and materials methods, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the enclosures.

### **IMPACT ON CURRENT SERVICES (OR PROJECTS)**

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

The Honorable Board of Supervisors  
June 22, 2004  
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**CONCLUSION**

Please return one approved copy of this letter to Public Works.

Respectfully submitted,

JAMES A. NOYES  
Director of Public Works

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cc: Chief Administrative Office  
County Counsel  
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)  
June 22, 2004

PROJECT ID NO. FCC0000084, PACOIMA DAM FACILITIES IMPROVEMENTS  
(in the vicinity of Sylmar), Supervisorial District 5, Contractor: Ladd and Associates

Project Description:

Facilities improvement.

Changes in Work:

(1) Variations in Bid Quantities	\$72,210.00
(2) Replacement Gell Batteries	900.87
(3) Track Brake Cylinder	<u>548.00</u>
Total	<u>\$73,658.87</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) It will be necessary to replace the worn out gell batteries for the aerial tramway generator.

(3) It will be necessary to replace a leaking track brake cylinder for the aerial tramway to ensure continued safe operations.

The costs for Item 1 will be based on contract unit prices. The cost for Item 2 was negotiated as provided in Subsection 3-2 of the contract specifications. The cost for Item 3 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

No additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$10,317,015.00
Changes in work previously approved by the Board	1,710,027.50
Changes in work to be authorized	<u>73,658.87</u>
Revised contract amount	<u>\$12,100,701.37</u>

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CHANGE IN WORK (AUTHORIZE)  
June 22, 2004

PROJECT ID NO. FCC0000170, HOLLYHILLS DRAIN, UNIT 7 (Cities of Beverly Hills, Los Angeles, and West Hollywood), Supervisorial District 3,  
Contractor: Mike Bubalo Construction Co.

Project Description:

Construction of a reinforced concrete pipe storm drain.

Changes in Work:

(1)	Delay Due to Interfering Utility	\$32,000.00
(2)	Remove Shoring Tie-Backs	2,000.00
(3)	Construct Retaining Walls	1,600.00
(4)	Reconnect 10" Waterline	1,300.00
(5)	Construct Modified Catch Basin	2,500.00
(6)	Remove Foundation, Wall, Tie-Backs, and Delay Due to Relocation of Fire Hydrant	<u>902.41</u>
	Total	<u>\$40,302.41</u>

Description of Changes:

(1) Your Board previously approved a change in work to compensate the contractor for costs incurred as a result of a delay to relocate an 8" waterline which interfered with a proposed jacking pit. The interference was not indicated on the plans. The cost of this work will exceed the original estimate by the amount shown.

(2) Shoring tie-backs have been identified that will interfere with a proposed jacking pit on Corey Avenue near Sunset Boulevard. The jacking pit will be used to jack a portion of the proposed storm drain under Sunset Boulevard. It will be necessary to remove the tie-backs which are remnants from past construction of an existing building.

(3) It will be necessary to construct retaining walls behind three proposed catch basins at the intersection of Doheny Drive and Shoreham Drive in order to support the soil after construction of the catch basins. This work was not shown on the plans.

(4) An existing 10" waterline, which was not shown correctly on the plans, interfered with construction of the proposed storm drain on Doheny Road near Phyllis Avenue. The City of Beverly Hills cut the interfering portion of the waterline and installed a temporary bypass. After construction of the storm drain, the contractor will assist the City in reconnecting the waterline. The contractor must be compensated for the extra work.

(5) In order to avoid an existing water vault not shown on the plans, several proposed catch basins on Loma Vista Drive will require modifications. The cost shown is the additional cost to perform these modifications.

(6) Your Board previously approved a change in work to remove a concrete foundation, wall, and shoring tie-backs that interfered with the proposed storm drain on Corey Avenue near Sunset Boulevard and to compensate the contractor for a delay to relocate a fire hydrant. This work was not indicated on the plans. The cost of this work will exceed the original estimate by the amount shown.

The cost for Item 1 and a portion of the cost for Item 5 was negotiated as provided in Subsection 3-2 of the contract specifications. The remainder of the cost for Item 5 will be based on contract unit prices. The costs for Items 2, 3, 4, and 6 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Eighteen additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$6,998,871.00
Changes in work previously approved by the Board	432,888.94
Changes in work to be authorized	<u>40,302.41</u>
Revised contract amount	<u>\$7,472,062.35</u>

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## CHANGE IN WORK (AUTHORIZE)

June 22, 2004

PROJECT ID NO. FCC0000783, DOMINGUEZ GAP BARRIER PROJECT, PHASE 4A, UNIT 7B, PART 2B (Cities of Carson, Long Beach, and Los Angeles),  
Supervisory Districts 2 and 4, Contractor: Mladen Buntich Construction Company, Inc.

### Project Description:

Construction of a water supply system, compressed air system, microfiltration treatment system, and an electrical system to service 34 injection wells currently under construction. The injection wells are an extension of the Dominguez Gap Barrier Project which prevents the infiltration of seawater into groundwater aquifers.

### Changes in Work:

(1) Louvered Door and Containment Structure	\$ 35,000.00
(2) Programming Modifications	74,000.00
(3) Provide Larger Storage Tank Transfer Pump	9,500.00
(4) Additional Electrical Conduit	1,450.00
(5) Install Orifice Restrictors	24,000.00
(6) Install Mechanical Pressure Release Devices	<u>52,750.00</u>
Total	<u>\$196,700.00</u>

### Description of Changes:

(1) In order for the microfiltration equipment to function properly, it will be necessary to install louvered doors, a chemical containment structure, and an exhaust fan in the microfiltration building. This work was not shown on the plans.

(2) In order for the injection wells to function properly, it will be necessary to make programming changes in the programmable logic controllers, data concentrator panel, and operator panel at each of the 33 well locations.

(3) The microfiltration equipment that was provided has a higher capacity than was originally designed. In order for the storage tank transfer pump to provide adequate flows to the microfiltration equipment, it will be necessary to resize and install a new larger pump.

(4) In order to remotely control the storage tanks, it will be necessary to install additional electrical and telemetric conduits from the storage tanks to the microfiltration building. This work was not shown on the plans.

(5) In order to control the amount of airflow into the wells, it will be necessary to install orifice restrictors in all 33 recharge wells. This work was not shown on the plans.

(6) In order to protect the recharge well equipment from excessive air pressure, it will be necessary to install mechanical pressure release devices in all 33 recharge wells. This work was not shown on the plans.

The costs for Items 1, 3, 4, 5, and 6 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The cost for Item 2 was negotiated as provided in Subsection 3-2 of the contract specifications.

Twenty additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$11,845,221.00
Changes in work previously approved by the Board	808,872.81
Changes in work to be authorized	<u>196,700.00</u>
Revised contract amount	<u>\$12,850,793.81</u>

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CHANGE IN WORK (AUTHORIZE)  
June 22, 2004

PROJECT ID NO. GME0000001, RETROFIT/REPLACEMENT OF UNDERGROUND STORAGE TANKS AND FUEL FACILITIES, GROUP 1 (in the vicinities of Malibu, Downey, Pico Rivera, Baldwin Park, South Gate, Los Angeles, Glendora, Sunland, and Temple City), Supervisorial Districts 1, 3, 4, and 5,  
Contractor: Geo-Cal, Inc.

Project Description:

Retrofit/replacement of underground storage tanks and fuel facilities.

Changes in Work:

(1) Fuel Management Systems Reinstallation	\$ 2,450.00
(2) Storm Damage Repairs	<u>20,000.00</u>
Total	<u>\$22,450.00</u>

Description of Changes:

(1) In order to reinstall the Fuel Management System at several fueling sites, additional equipment is necessary to accommodate the additional fueling outlets at the dispenser pumps being installed. This work is not shown on the plans.

(2) The tanks located at the Sewer Maintenance, South Area Yard, were damaged during a major storm and must be repaired. This work was not included in the contract.

The cost for Item 1 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The cost for Item 2 was negotiated as provided in Subsection 3-2 of the contract specifications.

Twenty-three additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$1,578,011.84
Changes in work previously approved by the Board	48,645.00
Changes in work to be authorized	<u>22,450.00</u>
Revised contract amount	<u>\$1,649,106.84</u>

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CHANGE IN WORK (AUTHORIZE)  
June 22, 2004

PROJECT ID NO. WRD0000009, SAN DIMAS DAM AND RESERVOIR DEBRIS  
REMOVAL (in the vicinity of San Dimas), Supervisorial District 5,  
Contractor: C. W. Poss, Inc.

Project Description:

Removal of sediment within the reservoir.

Change in Work:

Excavate and Dispose of Sediment	\$1,600,000.00
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Description of Change:

The contract to remove debris from San Dimas Reservoir was based on the estimated amount of debris contained in the reservoir following the 2002-03 storm season. Because of the large amount of sediment in the reservoir, it was necessary to schedule the contract work over two years. During the past winter, additional sediment was deposited into the reservoir and must be removed in order to avoid reducing the level of flood protection provided to the downstream community. Adding this work to the existing contract will be more economical than awarding a new contract since significant mobilization costs will be avoided.

The cost shown above is an estimate based on the amount of material to be removed. Prior to beginning work, a cost based on tonnage removed will be negotiated with the contractor as provided in Subsection 3-2 of the contract specifications.

Sixty additional working days will be required because of this change.

Revised Contract Amount:

Original contract amount	\$2,797,200.00
Change in work previously approved by the Board	69,757.87
Changes in work to be authorized	<u>1,600,000.00</u>
Revised contract amount	<u>\$4,466,957.87</u>

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CHANGE IN WORK (AUTHORIZE)  
June 22, 2004

PROJECT ID NO. WWD2900007, TOPANGA-FERNWOOD PIPELINE REPLACEMENT  
(in the vicinity of Fernwood), Supervisorial District 3,  
Contractor: Vido Artukovich & Son, Inc., and Vidmar, Inc.

Project Description:

Replacement of an existing watermain with a 16" steel watermain.

Changes in Work:

(1) Variations in Bid Quantities	\$ 6,600.00
(2) Provide Three Changeable Message Signs	16,284.00
(3) Remove Pipe Joints and Flush Watermain	40,000.00
(4) Realign Watermain	68,364.97
(5) Caltrans Inspection Fees	8,000.00
(6) Identify and Remove Unmarked Pipe	4,125.00
(7) Install Additional Spool and Valve	<u>4,300.00</u>
Total	<u>\$147,673.97</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) Your Board previously approved a change in work to provide three changeable message signs to provide notice of construction activities and to encourage motorists to use alternate routes. The cost for this work will exceed the original estimate by the amount shown.

(3) While excavating, the contractor inadvertently broke an unmarked water service. The water filled a portion of the newly installed watermain with mud and debris. It will be necessary to remove and clean several sections of the new watermain. Also, the existing water service line will be repaired.

(4) It will be necessary to realign several sections of the watermain to avoid existing utilities which are not shown on the plans.

(5) It will be necessary to reimburse the contractor for Caltrans inspection fees as stipulated in the contract specifications.

(6) It will be necessary to reimburse the contractor to identify and remove an unmarked pipe encountered while excavating for the watermain.

(7) It will be necessary to install an additional spool and a 6" valve to avoid an existing fiber optic conduit. This work is not shown on the plans.

The cost for Item 1 will be based on contract unit prices. The costs for Items 2 through 7 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications.

Sixteen additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$1,426,899.00
Changes in work previously approved by the Board	128,806.86
Change in work to be authorized	<u>147,673.97</u>
Revised contract amount	<u>\$1,703,379.83</u>

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CHANGE IN WORK (AUTHORIZE)  
June 22, 2004

PROJECT ID NO. WWD2900012, 10-INCH BYPASS AT PACIFIC COAST  
HIGHWAY (City of Malibu), Supervisorial District 3,  
Contractor: A. A. Portanova and Sons, Inc.

Project Description:

Construction of three 10" bypass lines to temporarily bypass an existing 30" water main.

Changes in Work:

(1) Trench Obstructions	\$30,000.00
(2) Modify Connection Detail	<u>1,500.00</u>
Total	<u>\$31,500.00</u>

Description of Changes:

(1) The contractor encountered several buried objects not shown on the plans that interfere with construction of the proposed bypass lines. It will be necessary to compensate the contractor for the additional work associated with locating and avoiding these objects. Also, the contractor will be compensated for delays associated with this unexpected work.

(2) An existing reinforced concrete vault, which is not shown on the plans, conflicts with the connection of the proposed bypass lines to the existing watermain at the east end of the project. It will be necessary to modify the connection and compensate the contractor for the additional costs of material and labor.

The cost for Item 1 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The cost for Item 2 was negotiated as provided in Subsection 3-2 of the contract specifications.

No additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$ 940,146.00
Changes in work previously authorized by the Board	55,500.00
Changes in work to be authorized	<u>31,500.00</u>
Revised contract amount	<u>\$1,027,146.00</u>

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